HPLC Application

ID No.: 26200



a pH of 3

Sildenafil Citrate RS and Sildenafil N-Oxide USP System Suitability Solution on Luna Omega 5 µm C18 150x4.6mn

Luna® Omega 5 μ m C18 100 Å, LC Column 150 x 4.6 mm, Ea

150 x 4.6 mm ID **Dimensions:** Order No: 00F-4785-E0 **Elution Type:** Isocratic

Eluent A: Buffer (dilute 7 mL of triethylamine with water to 1 L. Stir and adjust with

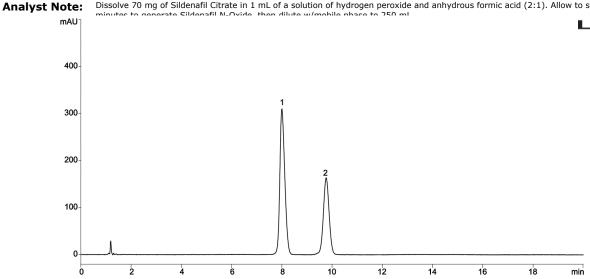
Time (min) Gradient Step No. Pct A **Profile:** 20 100

Flow Rate: 1.4 mL/min Col. Temp.: 30 °C

Detection: LC/UV (DAD, PDA) @ 290.000000000 nm (nanometers) (30 °C)

Dissolve 70 mg of Sildenafil Citrate in 1 mL of a solution of hydrogen peroxide and anhydrous formic acid (2:1). Allow to stand for at least 10





ANALYTES:

Sildenafil citrate

Retention Time: 7.993 min

Sildenafil N-Oxide

Retention Time: 9.746 min

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